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06-01-05
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EXPRESS MAIL LABEL NO.: EV660685750US PATENT APPLICATION
Docket No.: 15913.39.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

X Form PTO-1449 list of ninety (90) references submitted for consideration.

X Legible copies of the listed foreign references or their relevant portions.

— All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

— Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.

— Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.

— Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified

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prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

____ Legible Copies of previously filed Information Disclosure Statement for application Serial No. _____, filed _____.

In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

____ Promptness Certification.

X PTO Form 2038 in the amount of \$130.00 constituting submission fee under 37 C.F.R. 1.17(p);

____ Petition for Consideration and Check No. _____ in the amount of \$ _____.

X In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Promptness Certification meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 31st day of May, 2005.

Respectfully submitted,

JOHN M. GYNN
Attorney for Applicant
Registration No. 36,153
Customer No. 022913

PATENT APPLICATION
Docket No.: 15913.39.1

In re application of:

Bing Zhou, et al.

Serial No.: 10/618,808

Filed: July 14, 2003

Confirmation No.: 5792

For: SUPPORTED CATALYSTS HAVING A
CONTROLLED COORDINATION STRUCTURE
AND METHODS FOR PREPARING SUCH
CATALYSTS

Examiner: Wayne A. Langel

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

Dated this 31st day of May, 2005.



Respectfully submitted,

A handwritten signature in black ink, appearing to read "John M. Gynn".

JOHN M. GYNN
Attorney for Applicant
Registration No. 36,153
Customer No. 022913

JMG:kcs
KCS0000006028V001

Applicant: Bing Zhou, et al.

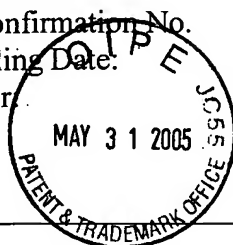
Serial No. 10/618,808

Att'y Docket No. 15913.39.1

Confirmation No. 5792

Group: 1754

Filing Date: July 14, 2003

For: SUPPORTED CATALYSTS HAVING A CONTROLLED
COORDINATION STRUCTURE AND METHODS FOR
PREPARING SUCH CATALYSTSINFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
___ 1	4,007,256	02/08/1977	Kim, et al.
___ 2	4,009,252	02/22/1977	Izumi, et al.
___ 3	4,148,750	04/10/1979	Pine
___ 4	4,279,883	07/21/1981	Izumi, et al.
___ 5	4,313,806	02/02/1982	Dalton, Jr., et al.
___ 6	4,336,238	06/22/1982	Dalton, Jr., et al.
___ 7	4,366,085	12/28/1982	Ikegami
___ 8	4,369,128	02/18/1983	Moseley, et al.
___ 9	4,379,778	04/21/1983	Dalton, Jr., et al.
___ 10	4,661,337	04/28/1987	Brill
___ 11	4,681,751	07/21/1987	Gosser
___ 12	4,772,458	09/20/1988	Gosser
___ 13	4,826,795	05/02/1989	Kitson, et al.
___ 14	4,832,938	05/23/1989	Gosser

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Bing Zhou, et al.

Serial No. 10/618,808

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Group: 1754

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COORDINATION STRUCTURE AND METHODS FOR
PREPARING SUCH CATALYSTS

_____ 15	4,889,705	12/26/1984	Gosser
_____ 16	4,983,558	01/08/1991	Born
_____ 17	4,996,039	02/26/1991	Prahus, et al.
_____ 18	5,017,535	05/21/1991	Schoonhoven
_____ 19	5,128,114	07/07/1992	Schwartz
_____ 20	5,132,099	07/21/1992	Hiramatsu, et al.
_____ 21	5,135,731	08/04/1992	Gosser, et al.
_____ 22	5,159,618	12/08/1992	Maraschino
_____ 23	5,169,267	08/10/1993	Birbara
_____ 24	5,180,573	02/19/1993	Hiramatsu, et al.
_____ 25	5,194,242	03/06/1993	Paoli
_____ 26	5,234,584	08/10/1993	Birbara
_____ 27	5,236,692	08/17/1993	Nagashima
_____ 28	5,320,821	06/14/1994	Nagashima, et al.
_____ 29	5,352,645	10/04/1994	Schwartz
_____ 30	5,362,405	11/08/1994	Birbara
_____ 31	5,378,450	01/03/1995	Tomita
_____ 32	5,447,706	09/05/1995	Van Weynbergh, et al.

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Date Considered:

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PREPARING SUCH CATALYSTS

_____ 33	5,460,734	10/24/1995	Birbara
_____ 34	5,496,532	03/05/1996	Monzen
_____ 35	5,505,921	04/09/1996	Luckoff, et al.
_____ 36	5,641,467	06/24/1997	Huckins
_____ 37	5,851,948	12/22/1998	Chuang
_____ 38	5,859,265	01/12/1999	Muller
_____ 39	5,972,305	10/26/1999	Park, et al.
_____ 40	6,005,155	12/21/1999	Sun
_____ 41	6,042,804	03/28/2000	Huckins
_____ 42	6,054,507	04/25/2000	Funaki
_____ 43	6,106,797	08/22/2000	Muller
_____ 44	6,117,409	09/12/2000	Bertsch-Frank, et al.
_____ 45	6,159,267	12/12/2000	Hampden-Smith
_____ 46	6,210,651	04/03/2001	Nystrom, et al.
_____ 47	6,239,054	05/29/2001	Shukis
_____ 48	6,299,852	10/09/2001	Nystrom, et al.
_____ 49	6,307,073	10/23/2001	Jones
_____ 50	6,375,920	04/23/2002	Fischer, et al.

Examiner:

Date Considered:

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Applicant: Bing Zhou, et al.

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_____ 51	6,387,346	05/14/2002	Bertsch-Frank, et al.
_____ 52	6,447,743	09/10/2002	Dene
_____ 53	6,504,040	01/03/2003	Vogtel, et al.
_____ 54	6,534,440	03/18/2003	Choudhary, et al.
_____ 55	6,630,118	10/07/2003	Paparatto
_____ 56	6,635,348	10/21/2003	Hampden-Smith
_____ 57	6,649,140	11/18/2003	Paparatto
_____ 58	6,676,919	01/13/2004	Fischer
_____ 59	6,713,036	03/30/2004	Vanden Bussche, et al.
_____ 60	6,764,671	07/20/2004	Haas, et al.
_____ 61	6,768,013	07/27/2004	Pujado
_____ 62	6,872,377	03/29/2005	Fischer, et al.
_____ 63	6,888,013	05/03/2005	Paparrato, et al.

U.S. Patent Publications

<u>Examiner Initial*</u>	<u>Publication Number</u>	<u>Pub Date</u>	<u>Name</u>
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Examiner:

Date Considered:

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Applicant: Bing Zhou, et al.

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Filing Date: July 14, 2003

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PREPARING SUCH CATALYSTS

_____ 64	2001/0024634	09/27/2001	Bertsch-Frank, et al.
_____ 65	2003/0086853	05/08/2003	Denc, et al.
_____ 66	2003/0180212	09/25/2003	Huckins
_____ 67	2003/0215383	11/20/2003	Escrig
_____ 68	2004/0013601	01/22/2004	Butz
_____ 69	2004/0037769	02/26/2004	Paparatto, et al.
_____ 70	2004/0037770	02/26/2004	Fischer
_____ 71	2004/0081611	04/29/2004	Muller, et al.
_____ 72	2004/0126312	07/01/2004	Butz, et al.
_____ 73	2004/0151659	08/05/2004	Paparatto, et al.
_____ 74	2004/0151660	08/05/2004	Paparatto, et al.
_____ 75	2004/0184983	09/23/2004	Paparatto

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
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Examiner:

Date Considered:

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Applicant: Bing Zhou, et al.

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Filing Date: July 14, 2003

For: SUPPORTED CATALYSTS HAVING A CONTROLLED
COORDINATION STRUCTURE AND METHODS FOR
PREPARING SUCH CATALYSTS

_____ 76	WO 00/59635	10/12/2000	PCT
_____ 77	WO 01/05501	01/25/2001	PCT
_____ 78	EP 1 160 195	12/05/2001	EPO
_____ 79	EP 1 160 196	12/05/2001	EPO
_____ 80	WO 02/14217	02/21/2002	PCT
_____ 81	WO 02/14299	02/21/2002	PCT
_____ 82	WO 02/28527	04/11/2002	PCT
_____ 83	WO 02/28528	04/11/2002	PCT
_____ 84	EP 1 277 701	07/15/2002	EPO
_____ 85	WO 02/83550	10/24/2002	PCT
_____ 86	WO 02/92501	11/21/2002	PCT
_____ 87	WO 02/92502	11/21/2002	PCT
_____ 88	WO 03/14014	02/20/2003	PCT
_____ 89	EP 1 308 416	05/07/2003	EPO
_____ 90	EP 1 344 747	09/17/2003	EPO

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Date Considered:

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Applicant: Bing Zhou, et al.

Serial No. 10/618,808

Att'y Docket No. 15913.39.1

Confirmation No. 5792

Group: 1754

Filing Date: July 14, 2003

For: SUPPORTED CATALYSTS HAVING A CONTROLLED
COORDINATION STRUCTURE AND METHODS FOR
PREPARING SUCH CATALYSTS**References Cited by Applicants**

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Bing Zhou, et al.

Docket No.
15913.39.1Serial No.
10/618,808Filing Date
July 14, 2003Confirmation No.
5792Examiner
Wayne A. LangelGroup Art Unit
1754

Invention: SUPPORTED CATALYSTS HAVING A CONTROLLED COORDINATION STRUCTURE AND METHODS FOR PREPARING SUCH CATALYSTS

I hereby certify that the Transmittal letter (2 pages) (in triplicate); Information Disclosure Statement (2 pgs); Form PTO-1449 Listing all Cited References (7 pgs); Legible Copies of Fifteen (15) Cited References; PTO Form 2038 in the amount of \$130.00; and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 31, 2005

Kendell Steele

(Typed or Printed Name of Person Mailing
Correspondence)

(Signature of Person Mailing Correspondence)

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("Express Mail" Mailing Label Number)

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